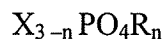


Amendments to the Claims

This listing of claims will replace all prior versions, and listings of the claims in the application:

1. (Currently Amended) A metal sheet or metal sheet section comprising a lubricant coating,
wherein
the metal sheet or the metal sheet section comprises a layer which is formed by the application onto the metallic surface of a solution containing an organic phosphoric acid water ester.
2. (Currently Amended) The metal sheet or metal sheet section according to Claim 1,
wherein
the organic phosphoric acid ester is a compound of the general formula



where X stands for hydrogen, Na, K, -NH₂, -NHR, -NR₂, -NH (R' -OH)₂ or -NR (R' -OH), R stands for a straight-chain or branched alkyl group with 1 to 14 carbon atoms, R' stands ~~for~~ for a straight-chain or branched ~~alkyl~~ alkylene group with 1 to 14 carbon atoms, whereby one or more hydrogen atoms in R and R' can be substituted by a polymer or oligomer group
-Y-R, wherein Y stands for (CH₂-CH₂-O-)_m or (CH₂-CH (CH₃-O-)_m, with m = 1 to infinity, R and R' can in each case be equal or different, and n is a number from 0 to 3, with the proviso that n is not 0 if X stands exclusively for hydrogen.

3. (Previously Presented) The metal sheet or metal sheet section according to Claim 1
wherein

the organic phosphoric acid ester is a mixture of $(C_4H_9-O) OP(OH)_2$ and $(OH) PO(O-C_4H_9)_2$.

4. (Previously Presented) The metal sheet or metal sheet section according to Claim 1, wherein
the solution containing the organic phosphoric acid ester contains, as further components, a water-soluble organic sulphur compound and/or an organic molybdenum compound.
5. (Previously Presented) The metal sheet or metal sheet section according to Claim 4 wherein
the organic sulphur compound is selected from the group consisting of thiadiazolene, dithiocarbamates and dithiopropionates as well as salts and derivatives thereof.
6. (Previously Presented) The metal sheet or metal sheet section according to Claim 4,
wherein
the organic sulphur compound is selected from the group consisting of Sodium-2-mercaptobenzothiazole, 2,5-dimercapto-1,3,4-thiadiazole, as well as salts and derivatives thereof, sodium dimethyl dithiocarbamate, potassium dimethyl dithiocarbamate and monoethanol amine dithiopropionate.
7. (Currently Amended) The metal sheet or metal sheet section according to Claim ~~6~~ 4,
wherein
the organic ~~sulphur~~ molybdenum compound can be obtained by the conversion of molybdenum trioxide and/or molybdeneic acid with an amine and/or alkanolamine.
8. (Currently Amended) The metal sheet or metal sheet section according to Claim 1 wherein

the solution containing the phosphoric acid ester contains, as further components, at least one inorganic compound selected from the group consisting of polyphosphates, borates, molybdates and wolframates.

9. (Previously Presented) The metal sheet or metal sheet section according to Claim 8,

wherein

the inorganic compound is selected from the group consisting of ammonium tripolyphosphate, sodium tetraborate, ammonium molybdate, sodium wolframate, potassium wolframate and sodium wolframate.

10. (Previously Presented) The metal sheet or metal sheet section according to Claim 1,

wherein

the layer formed by the solution containing the phosphoric acid ester is formed as a thin layer in the nano range.

11. (Previously Presented) The metal sheet or metal sheet section according to Claim 1,

wherein

a layer containing lubricant is formed on the layer formed by the phosphoric acid ester.

12. (Previously Presented) The metal sheet or metal sheet section according to Claim 11,

wherein

the layer containing lubricant is formed in a thickness from 0.3 to 3.0 g/m².

13. (Currently Amended) The metal sheet or metal sheet section according to Claim 1,
wherein

the lubricant contains ~~[[an]]~~ the organic phosphoric acid ester in a quantity from 0.01 to 50% by weight.

14. (Previously Presented) The metal sheet or metal sheet section according to Claim 1,
wherein
the lubricant contains a water-soluble organic sulphur compound in a quantity from 0.005 to 30% by weight.

15. (Previously Presented) The metal sheet or metal sheet section according to Claim 1, wherein
the lubricant contains an organic molybdenum compound in a quantity from 0.005 to 30% by weight.

16. (Previously Presented) The metal sheet or metal sheet section according to Claim 1,
wherein
the lubricant contains an organic compound in a quantity from 0.005 to 30% by weight.

17. (Previously Presented) The metal sheet or metal sheet section according to Claim 1
wherein
the sheet is a coated or uncoated steel sheet.

18. (Currently Amended) The method for the manufacture of a metal sheet section according to Claim 1,

wherein

- ~~Application~~ application of a solution including an organic phosphoric acid ester on the upper and/or lower side of the sheet, and
- ~~Applications~~ applications of a lubricant onto the sheet coated in this way.

19. (Previously Presented) The method according to Claim 18,
wherein
the application of the solution including the organic phosphoric acid ester is effected by
immersion, spraying, brushing, or roll coating.
20. (Previously Presented) The method according to Claim 18,
wherein
the application of the solution including the organic phosphoric acid ester is effected
during the coating of the sheet in the flushing bath of a coating system or during the
cooling of the sheet in the bath of a water cooling system.
21. (Previously Presented) The method according to Claim 18,
wherein
an aqueous solution of the organic phosphoric acid ester is applied.
22. (Previously Presented) The method according to Claim 18 ,
wherein the solution applied includes the organic phosphoric acid ester in a concentration
from 0.1 to 15% by weight.
23. (Previously Presented) The method according to Claim 18,
wherein
the pH of the solution is adjusted to a value of 6.5 to 11.
24. (Previously Presented) The method according to Claim 18,
wherein
the solution applied includes as further components a water-soluble organic sulphur
compound and/or an organic molybdenum compound.

25. (Previously Presented) The method according to Claim 24,
wherein
the solution applied includes the water-soluble organic sulphur compound(s) and/or
organic molybdenum compound(s) in a quantity from 1 to 50% by weight related to the
quantity of phosphoric acid ester.
26. (Previously Presented) The method according to Claim 18,
wherein
the solution applied includes as further components at least one inorganic compounds
from the group consisting of polyphosphates, borates, molybdates and wolframates.
27. (Previously Presented) The method according to Claim 26,
wherein
the solution applied includes the inorganic compounds in a quantity from 1 to 50% by
weight related to the quantity of phosphoric acid ester.
28. (Previously Presented) The method according to Claim 18,
wherein
the sheet is dried before the lubricant is applied.
29. (Previously Presented) The method according to Claim 18
wherein
use is made as the lubricant of corrosion protection oil, pre-lube, and/or dry-lube.
30. (Previously Presented) The method according to Claim 18,
wherein
the lubricant is applied in a quantity from 0.3 to 3.0 g/m².

31. (Currently Amended) The use of a solution containing an organic phosphoric acid ester, [[,]] for the treatment of metal surfaces.
32. (Currently Amended) An aqueous solution for the treatment of metal surfaces comprising the organic phosphoric acid ester of Claim 2, a water-soluble organic sulphur compound selected from the group consisting of thiadiazolene, dithiocarbamates and dithiopropionates as well as salts and derivatives thereof, and an organic molybdenum compound obtainable by the conversion of molybdenum trioxide and/or molybdeneic acid with an anime and/or alkanolamine.
33. (Currently Amended) The aqueous solution according to Claim 32, further comprising at least one organic compounds selected from the group consisting of polyphosphates, borates, molybdates and wolframates.
34. (Previously Presented) A concentrate for the manufacture of a solution for the treatment of metal surfaces according to Claim 32.
35. (Currently Amended) The use of a metal sheet or metal sheet section according to Claim 1, for the manufacture of metal bodies by forming, ~~in particular by deep drawing.~~